

# Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance  
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## UNITED STATES.

### *Yellow fever in the South—(Continued).*

Since the last report, yellow fever has been reported at the following new places:

LOUISIANA.—Cinclare, Iberville, East and West Feliciana, Lutcher, and St. Charles Parish.

Light frost was reported as occurring at the following places on the night of the 13th: Holly Springs, Columbus and Starkville, Oxford, Miss. On the 17th, at Franklin, La., and New Orleans, La.

October 12. All quarantines were raised between New Orleans and infected points in Louisiana and Mississippi.

October 20. All quarantines established by the Tennessee State board of health were ordered raised, to go into effect October 21.

October 18. Surgeon Carter reports his work since October 12, as follows:

NEW ORLEANS, LA., October 18, 1898.

SIR: I have the honor to submit the following report of the work done in this vicinity since my last report, October 12, 1898:

October 13. Camp Hutton opened; Passed Assistant Surgeon G. M. Magruder in command, Assistant Surgeon C. H. Lavinder and Acting Assistant Ahrens with him.

October 14. Surgeon Carter at Oxford in conference with Surgeon Murray and Passed Assistant Surgeon Cobb, is inspecting the work there. Von Ezdorf seems, from the temperature chart, to have had a relapse of yellow fever; doing well. Agreed to stop disinfection at Orwood and (save a few houses) at Taylors as unnecessary. The few foci at Water Valley and those in Oxford will be treated. Have had light frost here.

October 16. Assistant Surgeon Cummings finished work at Jackson, Miss.; that is, cordon around infected portion of city. He goes to

Oxford to assist Passed Assistant Surgeon Cobb. Surgeon Carter goes to Meridian on request of State board of health of Meridian to examine cases of suspicious fever.

October 17. Surgeons Murray and Carter examine 2 cases in question and find them yellow fever. Board of health believe infection from Hattiesburg. Weather is so cold that new foci will not establish in Meridian.

October 18. Great need of relief measures at Poplarville, Clinton, and Madison. Surgeon Murray stays two days in Meridian. Carter returns to New Orleans. The weather now is cold enough (save possibly in the extreme south) for us to expect no new foci to be formed. New cases will, of course, develop from exposure to foci already established, but no new foci of infection will be established by these cases.

#### *Train inspection service.*

All inspectors have been withdrawn from the roads centering at Chattanooga, viz, Atlanta and West Point, Southern, Western and Atlantic, Alabama and Great Southern, and Memphis and Charleston; also from the following additional roads in northern Alabama, viz, Southern, Georgia Pacific, and Louisville and Nashville.

The inspectors have been also withdrawn from the roads entering, or traversing Western Tennessee, viz, Illinois Central, Kansas City, Memphis and Birmingham, Louisville and Nashville, Memphis and Charleston, Mobile and Ohio and Nashville, Chattanooga, and St. Louis. The inspection stations hitherto maintained, for the inspection of the crews of steamboats from New Orleans at the mouth of the Red River and near Vicksburg have been discontinued.

The disinfection of freight at Jackson, Miss., has been suspended.

#### *Yellow fever in the United States as officially reported from July 1 to October 20, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana :				
Alexandria.....	To Oct. 15.....	200	2	Estimated.
Amite City.....	do.....	1	1	
Baton Rouge.....	do.....	176	4	
Baton Rouge, East.....	Oct. 17.....			
Baton Rouge, West.....	do.....			
Bowie .....	Oct. 6.....	1		
Cincclare.....	To Oct. 15.....	11	1	
Delogny .....	Oct. 1.....	1		
Feliciana, East.....	Oct. 17.....			
Feliciana, West.....	do.....			
Franklin .....	To Oct. 6.....	375	7	
	Oct. 7-Oct. 13.....	166	1	
	Oct. 14.....	13	1	
	Oct. 15.....	10	0	
	Oct. 16.....	22	0	
	Oct. 17.....	7	0	
	Oct. 18.....	1	0	
	Oct. 19.....	5	0	
	Oct. 20.....	8	0	
Harveys Canal.....	To Oct. 6.....	14	3	
Houma.....	To Oct. 15.....	40	2	
Iberville .....	To Oct. 17.....			
Jackson.....	To Oct. 15.....	15	0	
Jefferson Parish.....	To Sept. 20.....	5		
Lake Charles.....	To Oct. 15.....	1	0	
Lodell.....	Oct. 12.....			
Lutcher .....	To Oct. 15.....	14	2	
New Orleans.....	do.....	74	19	
Plaquemine.....	do.....	6	1	

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## Yellow fever in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Louisiana—Continued.</b>				
St. Charles Parish .....	Oct. 4.....	1	.....	
St. James Parish .....	Oct. 1.....	.....	.....	
Wilson .....	To Oct. 15.....	303	7	
<b>Mississippi:</b>				
Bay St. Louis .....	Oct. 11.....	9	.....	
Canton .....	To Oct. 15.....	4	.....	
Clinton .....	Oct. 17.....	1	.....	
Crystal Spring .....	Oct. 19.....	2	.....	
Edwards (vicinity).....	To Oct. 6.....	40	0	
Clinton .....	Oct. 11.....	5	.....	
Crystal Spring .....	Oct. 19.....	1	.....	
Edwards (vicinity).....	To Oct. 6.....	6	.....	
Clinton .....	Oct. 7-Oct. 13.....	1	1	
Clinton .....	Oct. 16.....	5	.....	
Fayette .....	Oct. 6-Oct. 13.....	5	.....	
Harrison .....	To Oct. 6.....	42	4	
Harrison .....	Oct. 7-Oct. 13.....	66	1	
Oct. 14.....	6	.....		
Oct. 16.....	2	.....		
Oct. 17.....	3	.....		
Oct. 18.....	2	.....		
Oct. 19.....	2	1	.....	
Oct. 20.....	1	.....		
Hattiesburg .....	Oct. 8-Oct. 13.....	18	.....	
Oct. 14.....	3	1	.....	
Oct. 15.....	4	.....		
Oct. 17.....	4	1	.....	
Oct. 18.....	2	1	.....	
Oct. 19.....	2	.....		
Oct. 20.....	.....	0	.....	
Hermanville .....	To Oct. 13.....	3	.....	
Jackson .....	To Oct. 6.....	41	4	
Jackson .....	Oct. 7-Oct. 13.....	61	1	
Oct. 14.....	10	.....		
Oct. 15.....	7	.....		
Oct. 16.....	8	.....		
Oct. 17.....	16	.....		
Oct. 18.....	4	1	.....	
Oct. 19.....	6	.....		
Oct. 20.....	1	.....		
Madison .....	Oct. 6-Oct. 13.....	45	.....	
Oct. 17.....	1	.....		
Oct. 18.....	2	.....		
Oct. 19.....	5	.....		
Meridian .....	Oct. 15.....	1	.....	
Natchez .....	Oct. 15.....	2	.....	
Natchez .....	Oct. 7-Oct. 13.....	8	.....	
Oct. 14.....	4	.....		
Oct. 15.....	3	.....		
Oct. 16.....	3	.....		
Oct. 17.....	2	.....		
Oct. 18.....	3	1	.....	
Oct. 19.....	2	1	.....	
Orwood .....	To Oct. 6.....	79	4	
Oct. 7-Oct. 13.....	6	1	.....	
Oct. 14.....	9	.....		
Oct. 15-Oct. 18.....	4	.....		
Oxford .....	To Oct. 10.....	470	36	
Oct. 11-Oct. 13.....	13	2	.....	
Oct. 14.....	1	.....		
Oct. 15.....	2	.....		
Oct. 16.....	1	1	.....	
Oct. 17.....	0	.....		
Oct. 19.....	4	.....		
Poplarville .....	Oct. 9-Oct. 13.....	9	.....	
Oct. 16.....	7	1	.....	
Oct. 17.....	7	1	.....	
Port Gibson .....	Oct. 6.....	1	1	
Queen Hill .....	Oct. 15.....	1	1	
Ridgeland .....	Oct. 8-Oct. 13.....	5	.....	
Oct. 15.....	1	.....		
Oct. 17.....	1	.....		
Starkville .....	Oct. 6-Oct. 13.....	6	.....	
Oct. 18.....	1	.....		
Taylor's .....	To Oct. 6.....	100	11	
Oct. 7-Oct. 13.....	4	2	.....	
Oct. 15.....	1	.....		
Tongaloo .....	Oct. 16.....	1	.....	
Oct. 17.....	1	.....		

*Yellow fever in the United States, etc.—Continued.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Mississippi—Continued.</b>				
Waterford.....	To Oct. 6.....	2		
Water Valley .....	To Oct. 6.....	10		
	Oct. 20.....	1		
Waveland.....	Oct. 10-Oct. 13.....	16	1	
	Oct. 14.....	2		
	Oct. 16.....	0		
	Oct. 17.....	1		
	Oct. 18.....	1		
Woodville.....	To Oct. 6.....	1		
Yazoo City.....	Oct. 16.....	6		
	Oct. 17.....	5		
	Oct. 18.....	4		
	Oct. 19.....	2	1	
	Oct. 20.....	3	1	

[Reports to the Supervising Surgeon-General, United States Marine-Hospital Service.]

*Quarantine raised between New Orleans and State of Mississippi.*

[Proclamation.]

NEW ORLEANS, LA., October 12, 1898.

Whereas, The prevailing fever is noticeable for its mildness, and considering the lateness of the season, be it ordained that—

(1) All quarantines are raised between all points in the State of Mississippi and the city of New Orleans on the part of the State of Louisiana.

(2) Quarantine is raised from the parish of St. Mary (except Franklin), viz: Berwick, Patterson, Clumet, Bayou Sale, Baldwin, and Adeline stations.

EDMOND SOUCHON, M. D.,  
President Louisiana State Board of Health.

*Investigation of supposed case of yellow fever at Varner, La.*

Report having been received at the Bureau of a suspicious case of fever at Varner, Dr. William Krauss was engaged to investigate and report on the case. His report is given below:

MEMPHIS, TENN., October 11, 1898.

SIR: I have the honor to report my investigation of a case of suspected yellow fever at Varner. The patient, J. W. Stitt, section hand, has never been out of the county, and there is no reasonable way for infection to have been carried there. Varner is on a branch of the Iron Mountain Railroad, which terminates at Alexandria, La., and is a town of about 50 inhabitants, situated in a swampy region.

Patient had been in bed at the depot hotel since Friday, September 30, and, although half the population have been exposed to him from the beginning, there is no other sickness in the place.

The clinical history being somewhat interesting, although hazy, I will give it somewhat in detail.

Patient, aged 25 years, robust frame, has been suffering from malarial attacks all summer; had dysentery about a month ago. He had been drinking for several days, and would vomit bilious matter on the street. Captain Rice, the mayor, advised a physician. Patient had a chill on evening of September 30, followed by no perceptible fever, was vomiting excessively, went to stool frequently as result of calomel taken, hence saved no urine for inspection. Jaundice gradually developed, which was of a pale rather than a bronze hue. If the urine had

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been inspected and found bloody this would have given the classical triple symptom of malarial hematuria. Dr. Worley saw him about this time (third day) and found urine suppressed, nausea, and excessive vomiting, subnormal temperature, and a weak pulse of 60. Nausea and abstention from alcohol would account for this. Dr. Price, a recent graduate, saw patient daily after this; vomiting continued, urine very scanty, highly albuminous, straw colored, no fever; symptoms of uremia, jaundice gradually disappearing.

I found him in about that condition. Temperature 99°, pulse 78 full and hard, slight symptoms of uremia, no headache or backache, spleen slightly and liver greatly enlarged, a large blister over abdomen preventing the eliciting of visceral tenderness on pressure. The tongue was broad and heavily coated, breath fetid, much salivation, upper lip swollen, still nauseated. Cutaneous hyperemia, active, not venous. Examination of blood showed estivo-autumnal plasmodia-small, hyaline, unpigmented, often three in a corpuscle. The corpuscles were diminished in number and very pale (made no estimation), some nucleated, as I have found numbers of times in convalescents from malarial hematuria. Urine was pale, scanty, highly albuminous, but casts were granular, *not epithelial*.

The local officers of the Iron Mountain furnished transportation from Pine Bluff to Varner and back to Little Rock. If there had been time between trains I could have arranged for transportation all the way. I reported to Dr. Dunnivant, of Arkansas board of health, and returned to Memphis with much loss of time both ways, as railroads only run one train and that out of schedule.

Very respectfully,

WM. KRAUSS.

*Smallpox in Wausau, Wis.*

MILWAUKEE, WIS., October 12, 1898.

SIR: In compliance with the agreement embodied in resolutions adopted by the conference of State and provincial boards of health respecting interstate notification of the occurrence of communicable diseases, you are hereby informed that 1 case of smallpox (variola) has been reported to this office as existing in Wausau, Marathon County, in this State. The patient (male) came from the lumber camps in Oneida County, this State. Strict quarantine is maintained. Danger from spreading slight.

Very truly, yours,

U. O. B. WINGATE, *Secretary.*

*Smallpox in Huntersville (Norfolk), Va.*

NORFOLK, VA., October 18, 1898.

SIR: I have the honor to inform you that 4 cases of smallpox were discovered in Huntersville, a suburb of this city, on Sunday night, and were sent to the county pesthouse. The other occupants of the house, save 2 who escaped, are being quarantined.

There has been no further case of variola in this city since my last report, and the patients, 11 in all, are in the city pesthouse and doing well.

A general vaccination was ordered and is progressing rapidly.

Respectfully, yours,

EDWD. E. FEILD,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United State Marine-Hospital Service, January 1 to October 21, 1898.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Bessemer.....	Jan. 6-Feb. 19....	143	.....	
Birmingham.....	Jan. 6-Feb. 19....	47	.....	
	May 13.....	15	.....	
In Jefferson county, outside of the city.....	Feb. 6-Feb. 19....	26	.....	
Carneys Bluff.....	Feb. 17.....	.....	.....	Smallpox reported.
Cedarville.....	Aug. 1-Sept. 29....	50	.....	
Corons.....	Mar. 4.....	1	.....	
Dolomite.....	Dec. 1-Jan. 17....	21	.....	
Dwight, Washington County	Aug. 16-Sept. 12....	12	1	
Gosport.....	Feb. 17.....	.....	.....	Do.
Glendon.....	Feb. 17.....	.....	.....	Do.
Haynesville.....	Mar. 11.....	400	.....	
Horse Creek Mine.....	Mar. 4.....	3	.....	
Hurricane Bayou.....	Mar. 31-June 12....	30	.....	
Jackson.....	Feb. 17.....	10	.....	
Letohatchie.....	May 13.....	50	.....	
	July 30.....	25	.....	Three miles from town.
Mobile.....	Feb. 5-June 15....	82	1	
	July 1-Aug. 17....	9	.....	
Montevallo.....	Mar. 3.....	1	.....	
Montgomery.....	June 29.....	2	.....	
Newton.....	Jan. 15-Feb. 2....	7	.....	
Nichola.....	Feb. 17.....	.....	.....	Smallpox reported.
Oxmar.....	Jan. 19.....	.....	.....	Do.
Patton.....	Feb. 1-Mar. 4....	9	.....	
Pinckard.....	Feb. 2.....	50	.....	
Port Deposit.....	May 13.....	1	.....	
Rock Springs.....	Mar. 11.....	15	.....	
Salitpa.....	Feb. 17.....	.....	.....	Do.
Seima.....	Jan. 13-Feb. 14....	3	.....	
Shelby.....	Jan. 28-Apr. 22....	8	.....	
Talladega.....	Jan. 9-Feb. 15....	45	.....	
Walker Springs.....	Feb. 17.....	.....	.....	Do.
Wayne County.....	June 23-July 1....	2	.....	
Whistler.....	June 4-June 15....	1	.....	
<b>Arkansas:</b>				
Beebe.....	June 30.....	1	.....	
Conway.....	Sept. 28.....	3	.....	
Fair Oaks.....	Mar. 1.....	5	.....	
Hot Springs.....	June 30.....	2	.....	
Little Rock and vicinity.....	Mar. 31-May 20....	110	1	
Newport.....	Apr. 28.....	1	.....	
Sweet Home.....	May 20.....	11	1	
<b>Colorado:</b>				
Boulder County.....	June 24-July 26....	5	.....	
Colorado Canon.....	Aug. 8.....	7	.....	
Las Animas County.....	July 26.....	5	.....	
<b>District of Columbia:</b>				
Washington.....	Feb. 7.....	1	.....	Naval Hospital.
	Apr. 2-May 5....	9	.....	
	Aug. 13.....	1	.....	
<b>Florida:</b>				
Bartow.....	June 25.....	1	.....	
Bluff Springs.....	June 18.....	1	.....	
Jacksonville.....	Mar. 20-Mar. 26....	1	.....	
Pensacola.....	Apr. 24-May 11....	2	.....	
Washington County.....	Jan. 24.....	12	.....	
<b>Georgia:</b>				
Atlanta.....	Jan. 17-Feb. 16....	178	2	Most cases from county.
	May 27-July 27....	2	.....	
Cartersville.....	Jan. 15-Mar. 1....	9	1	
Griffin.....	Feb. 12.....	2	.....	
Macon.....	Jan. 15-June 1....	100	3	
Stilesboro.....	Jan. 15.....	.....	.....	Smallpox reported.
<b>Illinois:</b>				
Chicago.....	May 4.....	1	.....	
<b>Indiana:</b>				
Evansville.....	Feb. 26.....	1	.....	
<b>Kansas:</b>				
Fort Scott.....	Sept. 15.....	1	.....	
<b>Kentucky:</b>				
Butler.....	Feb. 8-Feb. 24....	1	.....	
Louisville.....	Apr. 16.....	1	.....	
Middlesborough.....	Feb. 3-Apr. 7....	183	2	
Laurel County.....	July 20.....	.....	.....	Do.
Clay County.....	July 20.....	.....	.....	Do.
Jackson County.....	July 20.....	.....	.....	Do.
<b>Louisiana:</b>				
New Orleans.....	Mar. 13-May 21....	5	.....	

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*Smallpox in the United States, etc.—Continued.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Massachusetts:</b>				
Greenfield.....	Feb. 5-Feb. 22.....	1.....		
Westfield.....	Feb. 20-Mar. 2.....	1.....		
<b>Michigan:</b>				
Detroit.....	Sept. 17-Sept. 27.....	6.....		
Ionia.....	Mar. 20-Apr. 23.....			Smallpox reported.
Otsego.....	Sept. 10.....			Do.
Royal Oak.....	Feb. 12-Mar. 12.....	1.....		
Seneca Township.....	Aug. 6.....	1.....		
	Aug. 27.....			Do.
<b>Mississippi:</b>				
Basin.....	May 16.....	7.....		
Chicora.....	June 23-July 1.....			Cases reported.
Denny.....	May 16-May 31.....	19.....		
Hattiesburg.....	June 4-June 15.....	4.....		
Hendersons Point.....	Feb. 8.....	3.....		
Laurel.....	May 28-July 28.....	11.....		
Meridian.....	July 28.....	2.....		
Moss Point.....	Feb. 15.....	1.....		
Ocean Springs.....	Feb. 20.....	3.....		
Prairie.....	June 4-June 15.....			Several cases.
State Line.....	June 23-July 1.....	1.....		
Shubuta, Clark County.....	May 28-June 15.....	50.....		
<b>New Jersey:</b>				
Westfield.....	Mar. 4.....	1.....		
<b>New Mexico:</b>				
Albuquerque and vicinity.....	Mar. 5-Sept. 4.....	52.....	3.....	Smallpox reported prevalent along the line of the Santa Fe R. R. August 4, 1898.
<b>New York:</b>				
Buffalo.....	May 21-June 18.....	1.....		
Deposit.....	Nov. 1-Nov. 30.....	1.....		
Livonia.....	July.....	1.....		
New York City.....	May 14-May 21.....	1.....		
Waverley.....	July.....	5.....		
<b>North Carolina:</b>				
Alamance County.....	Feb. 18-Feb. 25.....	1.....		
Asheville.....	Apr. 14-July 19.....	1.....		
Buncombe County.....	Apr. 16.....	1.....		
Catawba.....	July 19.....	6.....		In one family.
Charlotte.....	Jan. 25-Feb. 12.....	4.....		
Clay County.....	Feb. 15-Feb. 21.....	3.....		
Cleveland.....	July 19.....	7.....		13 found recovered; total, 20 cases.
Durham.....	do.....	1.....		
Elmwood.....	do.....	2.....		
Iredell County.....	May 19-June 2.....	9.....		
Mooresville.....	July 19.....	1.....		
Reidsville.....	do.....	1.....		
Wilmington.....	Jan. 12.....	1.....		
Wilson County.....	May 28.....	1.....		
<b>Ohio:</b>				
Bays.....	July 14.....	2.....		
Cincinnati.....	May 5.....	1.....		
Columbus.....	Oct. 8.....	3.....		
Dayton.....	Apr. 16-Apr. 22.....	1.....		
Delphos.....	Sept. 23.....	1.....		
Fairfield County.....	Oct. 8.....	1.....		
Goshen.....	May 4-July 14.....	15.....		
New Paris.....	Apr. 8-May 11.....	12.....	1.....	
Oberlin.....	July 28.....	15.....		
Put-in-Bay.....	Oct. 8.....	1.....		
Sandusky.....	Sept. 6.....	26.....		
St. Marys.....	do.....	1.....		
Uniopolis.....	do.....	2.....		
Van Wert.....	June 23-July 15.....	13.....		
Wapakoneta.....	Oct. 8.....	20.....		
<b>Pennsylvania:</b>				
Chester County (near Spring City).....	Oct. 7.....	7.....		
Dunbar.....	June 23-July 13.....	6.....		
Philadelphia.....	Apr. 13.....	2.....		
Sayre, Bradford County.....	Oct. 7.....	1.....		
<b>South Carolina:</b>				
Arkwright.....	Mar. 25.....	9.....		
Beaufort.....	Jan. 17.....			Smallpox reported.
Charleston.....	Apr. 22.....	1.....		
Columbia.....	Apr. 6-May 2.....	86.....		
Dyson.....	Mar. 25.....	3.....		

*Smallpox in the United States, etc.—Continued.*

Places.	Date.	Cases.	Deaths.	Remarks.
<b>South Carolina—Continued.</b>				
Greenville.....	Jan. 17 ..			Smallpox reported.
Orangeburg.....	Jan. 17 ..			Do.
Feiham.....	Mar. 25 ..	20		
Ridge Springs .....	Mar. 25 ..	1		
Rock Hill .....	Jan. 17 ..			Do.
Spartanburg .....	Jan. 17-July 26 ..	4		Do.
Sumter .....	May 2 ..	12		Do.
Swansea.....	Jan. 15 ..			
<b>Tennessee:</b>				
Bristol.....	Mar. 1-Mar. 31 ..	1		
Chattanooga .....	Jan. 1-Apr. 30 ..	21		
Cleveland .....	Apr. 1-Apr. 30 ..	6		
Elk Valley .....	July 1-July 31 ..	12		
Huntington (near) .....	Mar. 1-Mar. 31 ..	1		
Jellico .....	Jan. 1-Jan. 29 ..	1		
Johnson City .....	Feb. 1-Mar. 31 ..	9		
Knoxville .....	Feb. 1-Mar. 31 ..	13		
Lenoir City .....	Jan. 1-Apr. 30 ..	43		
Memphis .....	Jan. 1-Feb. 28 ..	5		
Mingo mines .....	Jan. 22-Apr. 30 ..	4		
Mingo .....	July 1-July 31 ..	2		
Morristown .....	Jan. 1-Jan. 29 ..	6		
Newcomb .....	Feb. 1-Mar. 31 ..	3		
Rockford .....	Feb. 1-Mar. 31 ..	6		
Rutledge .....	Feb. 1-Apr. 30 ..	3		
Shields Ferry .....	Mar. 1-Mar. 31 ..	14		
Sprowles .....	Mar. 1-Mar. 31 ..	4		
<b>Texas:</b>				
Brownsville .....	Feb. 26 ..	1		
Columbus .....	Feb. 2-Apr. 2 ..	30	7	Do.
<b>Virginia:</b>				
Colburn .....	Feb. 1 ..			Do.
Norfolk .....	Mar. 1-Mar. 10 ..	2		Do.
Norton .....	Sept. 19-Oct. 18 ..	12		
<b>West Virginia:</b>				
Bluefield .....	Feb. 25 ..	5		
Fayette County .....	May 6 ..	8		
Mercer County .....	May 6 ..	6		
McDowell County .....	May 6 ..	12		
<b>Wisconsin:</b>				
Milwaukee .....	May 19 ..	1		
Oshkosh .....	Apr. 28 ..	1		
Wausau .....	Oct. 12 ..	1		

*Report of Immigration at Boston for the week ended October 15, 1898.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Boston, October 16, 1898.

Number of alien immigrants who arrived at this port during the week ended October 15, 1898;  
also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 9	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	141
Oct. 11	Steamship Beverly.....	Port Morant, Jamaica.....	11
Oct. 12	Steamship Boston.....	Yarmouth, Nova Scotia.....	7
Do.....	Steamship Prince Edward.....	do.....	103
Do.....	Steamship Michigan.....	Liverpool, England.....	19
Do.....	Steamship Pro Patria.....	St. Pierre, Miquelon.....	12
Oct. 13	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	97
Do.....	Steamship Victorian.....	Liverpool, England.....	26
Oct. 14	Steamship Halifax.....	Halifax, Nova Scotia.....	167
Do.....	Steamship Columbian.....	London, England.....	27
Oct. 15	Steamship Boston .....	Yarmouth, Nova Scotia.....	49
Do.....	Steamship Prince Edward.....	do.....	91
Do.....	Steamship Sylvania .....	Liverpool, England.....	7
Do.....	Steamship Canada.....	do.....	619
<b>Total.</b>			<b>1,448</b>

GEORGE B. BILLINGS, Commissioner.

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*Report of immigration at New York for the week ended October 15, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, October 17, 1898.***Number of alien immigrants who arrived at this port during the week ended October 15, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 9	Steamship Statendam .....	Rotterdam.....	268
Do....	Steamship La Champagne.....	Havre.....	344
Oct. 10	Steamship Karamania.....	Naples.....	403
Oct. 12	Steamship Mongolian .....	Glasgow.....	35
Do....	Steamship Westernland.....	Antwerp.....	203
Do....	Steamship Aller .....	Genoa and Naples.....	563
Do....	Steamship Burgundia.....	Naples.....	336
Oct. 13	Steamship Trave.....	Bremen.....	242
Oct. 14	Steamship Karlsruhe.....	do.....	182
Do....	Steamship Germanic.....	Liverpool and Queenstown.....	483
Oct. 15	Steamship First Bismarck.....	Hamburg.....	213
Do....	Steamship Buffon.....	Rio de Janeiro.....	6
Do....	Steamship Rhynland.....	Southampton.....	123
<b>Total.....</b>			<b>3,401</b>

**THOMAS FITCHIE,  
Commissioner.***Report of immigration at Philadelphia for the week ended October 15, 1898.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Philadelphia, October 15, 1898.***Number of alien immigrants who arrived at this port during the week ended October 15, 1898;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Oct. 10	Steamship Russia.....	Liverpool and Queenstown.....	134
<b>Total.....</b>			<b>134</b>

**J. L. HUGHES,  
Acting Commissioner.**

QUARANTINE REPORTS.

National quarantine and injunction stations

*Yucca* named only when obtained or given to me by some one.

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Am. sc. M. Fle- chon, (a)	do	do	Seranton.	do
Am. sc. Muscat & Sons, (a)	do	Habana	Mobile	do
Am. sc. Kate S. Flint, (a)	do	Colon	Ship Island	do
Am. sc. J. B. Curet, (a)	do	New Orleans.	Handboro	Oct. 4 1 death from chancres fever on voyage; 3 cases in quarantine.
Am. sc. Seven Brothers, (a)	Sept. 28	do	Ocean Springs	do
Nor bk. Louis, (a)	do	Bio	Mobile	Oct. 7
Br. sc. H. H. Ho- man, (a)	do	Parahyba do Norte, Bra- zil	Pascagoula	Oct. 4
Am. sc. W. H. Barney, Nor. bk. Argen- tina.	Oct. 2	Seranton	do	do
Am. sc. W. J. Bryan, Am. sc. J. J. Clarke Am. sc. F. T. Nich- olls.	do	Rio	Ship Island	do
Am. sc. J. J. Cor- vort, Am. sc. Wm. Mar- tin.	do	New Orleans.	Rotten Bayou	do
Am. sc. St. Bar- tolomeo	Oct. 3	do	Wolf River	Oct. 8
Am. sc. M. Gar- baldi.	do	do	Lorraine	do
Am. sc. Winnie Davis,	do	do	Pass Christian	do
Am. sc. Clotilde S.	Oct. 4	do	Vancheave	Oct. 5
Am. sc. Myra B. Weaver	do	Tampico	Scranton	do
Am. sc. Ellen Cue.	do	New Orleans.	Ship Island	Oct. 8
Am. sc. J. Wago Sons.	Oct. 5	do	Klin	do
Am. sc. Two Am. sc. Elizabeth H. Knabe.	do	do	Wolf River	do
Am. sc. J. McCaff- rey.	do	do	Pascagoula	do
Am. sc. James H. Dudley.	Oct. 7	Vera Cruzia Laguna and Celestun.	Mobile	do
			Handboro	do
			Lorraine	do
			Pascagoula	do

<sup>a</sup>Previously reported.

**QUARANTINE REPORTS—Continued.**  
**National quarantine and inspection stations—Continued.**

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Gulf (Quarantine, Ship Island, Miss.)	Oct. 8	Am. sc. Millie Williams, Am. sc. Lewis A. Edwards, Nor. bk. Athene	Oct. 7 Oct. 8 Oct. 15 Oct. 15	Vera Cruz... Habana... do... Port Antonio...	Pascagoula... do... do... Philadelphia...	Disinfected and held... do... Held for disinfection... Held for disinfection...	.....	.....	.....
Newbern, N. C. (Port Townsend, Wash., Reedy Island Quarantine, Del.)	Oct. 8 Oct. 15	Nor. ss. Banana...	Oct. 10	Port Antonio...	San Francisco...	.....	.....	No transactions... 1 death from yellow fever on voyage; body brought to quarantine.	4 16
San Diego, Cal. (San Francisco Quarantine, Calif.)	Oct. 8 .....	Am. ss. Senator...	Oct. 4	Manilla...	Disinfected and released...	Oct. 4	U.S. transport disinfected at request of War Department.	.....	2
South Atlantic Quarantine, Blackbeard Island, Ga. (Tortugas Quarantine, Key West, Fla.)	.....	Am. ss. Ohio, Am. brig. Atlanta	Oct. 8 Oct. 4	Paramaribo...	Philadelphia...	do... do...	Oct. 8 do...	Put in for repairs, awaiting orders.	9
	Oct. 1	Am. se. Irene (a)... A.m. sc. R. D. Spear (a) Br. ss. Laguna (a) A.m. *sc. Holly-hock. (a)	Sept. 12 Sept. 20 Sept. 21 Sept. 22	Habana... Key West... Matanzas... Habana...	Key West... Apalachicola... Pensacola... Key West...	Disinfected...	Sept. 26 Sept. 28 Sept. 27 Sept. 29	Without pratique, at master's request.	.....
		Nor. ss. Uistain (a) Am. sc. Kate (a)... Am. sc. Mary E. Riggs.	Sept. 23 Sept. 24 Sept. 25	Mareil... Habana... Guanaja...	Mobile... Key West... do...	do... do...	Sept. 28 do...	.....	.....
		Sp. sloop Neptune Am. brig. Pedro	Sept. 27 Sept. 29	do... Cardenas...	do...	do...	.....	.....	.....
		Am. sc. Island City Am. sc. E. L. White	Sept. 30 Sept. 24	Puerto Plata... Mareil...	Key West... Habana...	do... do...	Oct. 2 do...	.....	.....
	Oct. 8	Am. sc. Kate (a)... Am. sc. Mary E. Riggs. (a)	Sept. 26	Apalachicola... Key West... Habana...	do...	do...	do...	.....	.....

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Sp. sloop Neptune No. (a) Am. brig. Pedro (a) Am. sc. Island City. (a) Am. sc. E. I. White. (a)	Sept. 27 Sept. 29 ....do.... Sept. 30	Guanaja..... Habana..... Cardenas..... Puerto Plata.....	Key West..... Mobile..... Key West..... Apalachicola.....	Disinfected..... Held for disinfection..... Disinfected..... do.....	Oct. 2	.....
Washington, N. C.....	Oct. 15	.....	.....	.....	Oct. 4 Oct. 6	No transactions.....

<sup>a</sup> Previously reported.

## QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anchorage, Fla.	Oct. 15	.....	.....	.....	.....	.....	.....	No report.	.....
Baltimore, Md.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Bangor, Me.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Boston, Mass.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Carrabelle, Fla.	Oct. 8	.....	.....	.....	.....	.....	.....	.....	25
Cedar Keys, Fla.	Oct. 15	.....	.....	.....	.....	.....	.....	.....	1
Charleston, S. C.	Oct. 8	.....	.....	.....	.....	.....	.....	do.	.....
Charlotte Harbor, Fla.	Oct. 15	.....	.....	.....	.....	.....	.....	No report.	.....
Elizabeth River, Va.	Oct. 15	.....	.....	.....	.....	.....	.....	No report.	.....
Galveston, Tex.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Gardiner, Oreg.	do.	.....	.....	.....	.....	.....	.....	.....	5
Key West, Monroe Co., Fla.	do.	.....	.....	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.	Oct. 8	.....	.....	.....	.....	.....	.....	.....	.....
Mayport, Fla.	Oct. 15	.....	.....	.....	.....	.....	.....	.....	.....
Mobile Bay, Ala.	do.	.....	.....	.....	.....	.....	.....	do.	.....
New Orleans, La.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Newport, R. I.	do.	.....	.....	.....	.....	.....	.....	do.	.....
Newport News, Va.	do.	.....	.....	.....	.....	.....	.....	.....	.....
New York, N. Y.	do.	.....	.....	.....	.....	.....	.....	No report.	.....
Paseo Cavallo, Tex.	Oct. 8	.....	.....	.....	.....	.....	.....	do.	.....
Providence, R. I.	Oct. 15	.....	.....	.....	.....	.....	.....	.....	.....
Round Island, Miss.	Oct. 1	.....	.....	.....	.....	.....	.....	.....	1
St. Helena Entrance, S. C.	Oct. 8	.....	.....	.....	.....	.....	.....	.....	1
San Pedro, Cal.	Oct. 8	Nor. bk.	Ole	Oct. 8	Bahia via Barbados.	Savannah ....	.....	.....	9
Savannah, Ga.	do.	Smith Piong.	do.	Sept. 25	Santiago de Cuba.	Port Tampa...	.....	.....	9
Tampa Bay, Fla.	do.	A. M. str. Tarpon(a)	.....	.....	.....	.....	Oct. 2	.....	14

a Previously reported.

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*Reports of States and yearly and monthly reports of cities.*

**CALIFORNIA—Los Angeles.**—Month of September, 1898. Estimated population, 103,000. Total number of deaths, 113, including diphtheria, 1; enteric fever, 6; whooping cough, 1, and 14 from phthisis pulmonalis.

**Oakland.**—Month of September, 1898. Estimated population, 75,000. Total number of deaths, 67, including diphtheria, 1; enteric fever, 1, and 9 from phthisis pulmonalis.

**Sacramento.**—Month of September, 1898. Estimated population, 30,000. Total number of deaths, 31, including enteric fever, 1, and 6 from phthisis pulmonalis.

**CONNECTICUT.**—Reports to the State board of health for the month of September, 1898, from 168 cities and towns having an aggregate population of 893,060, show a total of 1,351 deaths, including diphtheria, 12; enteric fever, 28; measles, 1; whooping cough, 19, and 104 from phthisis pulmonalis.

**ILLINOIS—Chicago.**—Month of September, 1898. Estimated population, 1,750,000. Total number of deaths, 1,780, including diphtheria, 52; enteric fever, 65; measles, 1; whooping cough, 18, and 182 from phthisis pulmonalis.

**IOWA—Davenport.**—Month of September, 1898. Estimated population, 36,000. Total number of deaths, 34.

**Dubuque.**—Month of September, 1898. Estimated population, 45,000. Total number of deaths, 29, including diphtheria, 1, and 4 from phthisis pulmonalis.

**MAINE—Portland.**—Four weeks ended October 1, 1898. Estimated population, 41,500. Total number of deaths, 83, including diphtheria, 2; enteric fever, 8; whooping cough, 2, and 6 from phthisis pulmonalis.

**MASSACHUSETTS—Brockton.**—Month of September, 1898. Estimated population, 35,853. Total number of deaths, 43, including phthisis pulmonalis, 8.

**Fitchburg.**—Month of September, 1898. Estimated population, 28,392. Total number of deaths, 36.

**MINNESOTA—Minneapolis.**—Month of September, 1898. Estimated population, 192,833. Total number of deaths, 175, including diphtheria, 2; enteric fever, 16, and 23 from phthisis pulmonalis.

**NEW HAMPSHIRE—Manchester.**—Month of September, 1898. Estimated population, 60,000. Total number of deaths, 109, including diphtheria, 3; enteric fever, 2, and 3 from phthisis pulmonalis.

**NEW YORK—Buffalo.**—Month of September, 1898. Estimated population, 370,000. Total number of deaths, 396, including diphtheria, 4; enteric fever, 10; whooping cough, 8, and 20 from phthisis pulmonalis.

**NORTH CAROLINA.**—Reports to the State board of health from 24 towns having an aggregate population of 155,308; white, 88,649; colored, 66,660; show a total of 241 deaths, including enteric fever, 22; measles, 1, and 14 from phthisis pulmonalis.

**OHIO—Cincinnati.**—Month of September, 1898. Estimated population, 405,000. Total number of deaths, 391, including diphtheria, 3; enteric fever, 7; measles, 2; whooping cough, 1, and 41 from phthisis pulmonalis.

**Columbus.**—Month of September, 1898. Estimated population, 135,000. Total number of deaths, 86, including diphtheria, 1; enteric fever, 6, and 16 from phthisis pulmonalis.

**PENNSYLVANIA—Meadville.**—Month of September, 1898. Estimated population, 12,000. Total number of deaths, 5, including 2 from phthisis pulmonalis.

**TENNESSEE—Nashville.**—Month of September, 1898. Estimated population, 87,754; white, 54,595; colored, 33,159. Total number of deaths, 138; white, 71; colored, 67; including diphtheria, 2; enteric fever, 3; whooping cough, 1, and 14 from phthisis pulmonalis.

**VERMONT—Burlington.**—Month of May, 1898. Estimated population, 15,000. Total number of deaths, 21, including 1 from phthisis pulmonalis.

Month of June. Total number of deaths, 21, including 2 from phthisis pulmonalis.

Month of July. Total number of deaths, 23, including 2 from phthisis pulmonalis.

Month of August. Total number of deaths, 21.

**WASHINGTON—Seattle.**—Month of September, 1898. Estimated population, 70,000. Total number of deaths, 59; including diphtheria, 3; enteric fever, 7, and 3 from phthisis pulmonalis.

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## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1860.	Total deaths from all causes.	Deaths from—								
				Phtisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Allegheny, Pa.	Oct. 15.	105,287	19									3
Bennington, Vt.	Oct. 8.	6,391	3									
Do.	Oct. 15.	6,391	3 1									
Binghamton, N. Y.	do.	35,065	11 4									
Boston, Mass.	do.	448,477	210 22						7 2	5 1	1 2	
Bristol, R. I.	Oct. 8.	5,478	1									
Do.	Oct. 15.	5,478	1									
Brockton, Mass.	Oct. 8.	27,294	14 1						1	1		
Cambridge, Mass.	Oct. 15.	70,028	24 2									
Charleston, S. C.	Oct. 8.	a 54,955	6 45 3						4			
Chicago, Ill.	Oct. 15.	1,090,850	355 43						13 1	8 2	2 2	
Cincinnati, Ohio.	Oct. 14.	296,908	10						3			
Dayton, Ohio.	Oct. 15.	61,220	22 2						1	1		
Detroit, Mich.	do.	205,876	3						5	1	2	
Dubois, Pa.	Oct. 8.	6,149	2									
Erie, Pa.	Oct. 15.	40,634	12									
Fall River, Mass.	do.	74,398	32 5						1			
Flint, Mich.	do.	9,803	2						1			
Green Bay, Wis.	Oct. 8.	9,069	5 2									
Hoboken, N. J.	Oct. 15.	43,648	19 6									
Johnstown, Pa.	do.	21,805	7						1	1		
Lancaster, Pa.	do.	32,011	6						1			
Lowell, Mass.	do.	77,696	46 4						2			2
Lynchburg, Va.	do.	19,709	8 2									
Massillon, Ohio.	do.	10,092	4 1									
Medford, Mass.	do.	11,079	4									
Minneapolis, Minn.	do.	164,738	38 3						3	2		
Nashville, Tenn.	do.	76,168	29 1							3		
New Bedford, Mass.	do.	40,733	12 2							1		
Newport, R. I.	do.	19,457	7									
New York, N. Y.	do.	c3,438,899	1,140 133						25 4	18	8	
Norristown, Pa.	do.	19,791	3									
North Adams, Mass.	do.	16,074	5 1						1	1		
Oakland, Cal.	Sept. 17.	46,682	18 3							1		
Do.	Sept. 24.	46,682	11 1									
Do.	Oct. 1.	46,682	16 1									
Do.	Oct. 8.	46,682	20 2						1			
Omaha, Nebr.	do.	140,452	27									
Oneonta, N. Y.	Oct. 15.	6,272	3									
Orange, N. J.	do.	18,844	1									
Philadelphia, Pa.	do.	1,046,964	331 58						11 1	21	7	
Pittsfield, Mass.	do.	17,281	6									
Plainfield, N. J.	do.	11,267	5 1							1		
Pottstown, Pa.	Oct. 14.	13,284	3									
Providence, R. I.	Oct. 15.	132,146	50 3						1	2	3	
Salt Lake City, Utah.	Oct. 8.	44,843	13									
San Diego, Cal.	do.	16,159	1									
Santa Barbara, Cal.	do.	5,864	4									
Scranton, Pa.	Oct. 15.	75,215	28 1							3		
Shreveport, La.	do.	11,979	5 2									
Spokane, Wash.	Oct. 8.	19,922	6 2									
Taunton, Mass.	Oct. 15.	25,448	15									
Waltham, Mass.	dc.	18,707	6									
Wilmington, Del.	do.	61,431	23 4						1	2		
Winona, Minn.	Oct. 8.	18,208	3									
Worcester, Mass.	Oct. 14.	84,655	32 6							1		
Youngstown, Ohio	Oct. 15.	33,220	6 1						1			

a Estimated population, 65,165—white, 28,870; colored, 36,295.

c Estimated.

b White, 14; colored, 31.

*Table of temperature and rainfall, week ended October 10, 1898.*

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	Excess.	Defic'ney.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	50	1	.....	.86	.....	.48
Portland, Me.....	53	2	.....	.84	.....	.36
Northfield, Vt.....	49	3	.....	.50	.....	.12
Boston, Mass.....	55	6	.....	.94	.59	.....
Vineyard Haven, Mass.....	57	5	.....	.91	.00	.....
Nantucket, Mass.....	56	5	.....	.88	.....	.28
Woods Hole, Mass.....	56	3	.....	.84	.42	.....
Block Island, R. I.....	56	4	.....	.94	.11	.....
New Haven, Conn.....	55	6	.....	.91	.06	.....
Albany, N. Y.....	54	7	.....	.77	.77	.....
New York, N. Y.....	58	6	.....	.79	.38	.....
Harrisburg, Pa.....	56	10	.....	.71	.00	.....
Philadelphia, Pa.....	59	9	.....	.66	.....	.55
New Brunswick, N. J.....	56	10	.....	.82	.....	.23
Atlantic City, N. J.....	59	7	.....	.76	.....	.37
Baltimore, Md.....	60	9	.....	.72	.....	.52
Washington, D. C.....	59	10	.....	.70	.....	.54
Lynchburg, Va.....	61	11	.....	.77	.82	.....
Cape Henry, Va.....	65	8	.....	.86	.61	.....
Norfolk, Va.....	64	9	.....	.91	.39	.....
Charlottesville, N. C.....	64	9	.....	.84	.95	.....
Raleigh, N. C.....	61	13	.....	1.08	.....	.45
Kittynhawk, N. C.....	67	8	.....	.87	.....	.37
Hatteras, N. C.....	67	9	.....	1.46	.....	.40
Wilmington, N. C.....	66	8	.....	1.07	.....	.67
Columbia, S. C.....	67	.....	.....	.57	.....	.....
Charleston, S. C.....	70	8	.....	1.09	.....	.21
Augusta, Ga.....	68	9	.....	.56	.....	.23
Savannah, Ga.....	70	9	.....	.96	.....	.91
Jacksonville, Fla.....	73	7	.....	1.30	.....	.95
Jupiter, Fla.....	78	3	.....	2.47	.....	1.48
Key West, Fla.....	80	0	.....	1.49	.14	.....
<b>Gulf States:</b>						
Atlanta, Ga.....	66	8	.....	.51	2.09	.....
Tampa, Fla.....	75	5	.....	.70	.....	.50
Pensacola, Fla.....	72	7	.....	.79	.....	.14
Mobile, Ala.....	71	9	.....	.83	.....	.59
Montgomery, Ala.....	69	9	.....	.53	.39	.....
Vicksburg, Miss.....	68	10	.....	.46	1.23	.....
New Orleans, La.....	73	8	.....	.73	.....	.70
Shreveport, La.....	69	10	.....	.68	.....	.62
Fort Smith, Ark.....	65	.....	.....	.66	.....	.....
Little Rock, Ark.....	66	.....	.....	.51	.....	.....
Palestine, Tex.....	70	10	.....	.70	.....	.06
Galveston, Tex.....	75	6	.....	1.07	.....	1.06
San Antonio, Tex.....	73	9	.....	.45	.....	.45
Corpus Christi, Tex.....	75	5	.....	.61	.....	.25
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	65	12	.....	.57	.....	.12
Nashville, Tenn.....	63	11	.....	.60	.15	.....
Chattanooga, Tenn.....	64	10	.....	.65	1.34	.....
Knoxville, Tenn.....	61	12	.....	.62	.84	.....
Louisville, Ky.....	61	9	.....	.57	.....	.18
Indianapolis, Ind.....	58	8	.....	.61	.14	.....
Cincinnati, Ohio.....	59	8	.....	.49	.....	.17
Columbus, Ohio.....	58	8	.....	.56	.09	.....
Parkersburg, W. Va.....	54	15	.....	.70	.18	.....
Pittsburg, Pa.....	58	8	.....	.56	.....	.39
<b>Lake Region:</b>						
Oswego, N. Y.....	53	6	.....	.70	.....	.22
Rochester, N. Y.....	53	8	.....	.63	.....	.20
Buffalo, N. Y.....	53	7	.....	.84	.44	.....
Erie, Pa.....	55	6	.....	.91	.....	.29
Cleveland, Ohio.....	55	6	.....	.68	1.53	.....
Sandusky, Ohio.....	57	5	.....	.63	1.71	.....
Toledo, Ohio.....	56	5	.....	.55	.....	.06
Detroit, Mich.....	54	6	.....	.56	.12	.....
Lansing, Mich.....	54	2	.....	.63	.....	.02
Port Huron, Mich.....	52	7	.....	.63	.....	.50
Alpena, Mich.....	48	4	.....	.91	.....	.81
Sault Ste. Marie, Mich.....	45	4	.....	.86	.....	.86
Marquette, Mich.....	49	0	.....	.79	.....	.72
Green Bay, Wis.....	50	4	.....	.62	.....	.62
Grand Haven, Mich.....	53	3	.....	.77	.....	.08
Milwaukee, Wis.....	53	4	.....	.56	.....	.05
Chicago, Ill.....	55	4	.....	.70	.....	.47
Duluth, Minn.....	49	2	.....	.66	.92	.....

*a The figures in these columns represent the average daily departure.*

October 21, 1898

Table of temperature and rainfall, week ended October 10, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	<sup>a</sup> Excess.	<sup>a</sup> Defic'ney.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	51	0	.....	.51	<b>1.54</b>	.....
La Crosse, Wis.....	53	2	.....	.61	.....	.17
Dubuque, Iowa.....	55	3	.....	.67	.....	.59
Davenport, Iowa.....	56	4	.....	.63	.....	.13
Des Moines, Iowa.....	57	0	.....	.70	.....	.37
Keokuk, Iowa.....	58	4	.....	.66	.....	.66
Hannibal, Mo.....	59	7	.....	.63	.....	.55
Springfield, Ill.....	59	5	.....	.63	.....	.63
Cairo, Ill.....	62	11	.....	.56	.....	.51
St. Louis, Mo.....	61	.....	.....	.66	.....	.....
<b>Missouri Valley:</b>						
Columbia, Mo.....	60	6	.....	.33	.02	.....
Springfield, Mo.....	59	10	.....	.69	.....	.69
Kansas City, Mo.....	60	3	.....	.77	.....	.49
Topeka, Kans.....	60	3	.....	.49	.93	.....
Wichita, Kans.....	60	7	.....	.44	.62	.....
Concordia, Kans.....	58	2	.....	.40	.40	.....
Lincoln, Nebr.....	58	.....	3	.42	.20	.....
Omaha, Nebr.....	57	.....	2	.63	.26	.....
Sioux City, Iowa.....	53	.....	3	.42	.41	.....
Yankton, S. Dak.....	55	.....	3	.41	.....	.13
Valentine, Nebr.....	53	.....	4	.21	.....	.21
Huron, S. Dak.....	51	.....	5	.32	.....	.24
Pierre, S. Dak.....	52	.....	3	.14	.....	.10
Moorhead, Minn.....	48	.....	5	.49	.....	.45
Bismarck, N. Dak.....	48	.....	6	.28	.56	.....
Williston, N. Dak.....	48	.....	12	.21	.24	.....
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	48	.....	20	.14	.....	.14
Helena, Mont.....	48	.....	8	.21	.....	.21
Miles City, Mont.....	50	.....	7	.21	.05	.....
Rapid City, S. Dak.....	52	.....	7	.16	.....	.11
Spokane, Wash.....	52	.....	.....	.35	.....	.....
Walla Walla, Wash.....	58	.....	9	.31	.00	.....
Baker City, Oreg.....	52	.....	8	.24	.....	.09
Winnemucca, Nev.....	52	.....	7	.07	.....	.07
Idaho Falls, Idaho.....	49	.....	6	.21	.....	.21
Salt Lake City, Utah.....	56	.....	7	.35	.....	.35
Lander, Wyo.....	47	.....	7	.20	.23	.....
Cheyenne, Wyo.....	49	.....	4	.21	.....	.21
North Platte, Nebr.....	54	.....	4	.23	.....	.22
Denver, Colo.....	55	.....	4	.21	.....	.20
Pueblo, Colo.....	55	.....	2	.14	.....	.14
Dodge City, Kans.....	60	.....	1	.28	1.01	.....
Oklahoma, Okla.....	65	8	.....	.44	1.48	.....
Amarillo, Tex.....	60	7	.....	.39	.....	.13
Abilene, Tex.....	57	10	.....	.56	.....	.56
Santa Fe, N. Mex.....	54	5	.....	.25	.29	.....
El Paso, Tex.....	66	8	.....	.21	.....	.21
Phoenix, Ariz.....	73	0	.....	.14	.....	.14
<b>Pacific Coast:</b>						
Seattle, Wash.....	53	.....	1	.70	.....	.58
Tacoma, Wash.....	52	.....	2	.83	.....	.72
Fort Canby, Wash.....	54	1	.....	1.05	.....	.44
Portland, Oreg.....	56	.....	2	.76	.....	.62
Roseburg, Oreg.....	55	.....	.....	.56	.....	.....
Eureka, Cal.....	53	.....	.....	.50	.....	.....
Redbluff, Cal.....	67	.....	7	.27	.....	.25
Carson City, Nev.....	53	.....	5	.07	.....	.07
Sacramento, Cal.....	65	.....	6	.15	.....	.15
San Francisco, Cal.....	60	.....	2	.21	.24	.....
Fresno, Cal.....	69	.....	8	.88	.....	.08
Los Angeles, Cal.....	64	.....	1	.14	.....	.14
San Diego, Cal.....	64	.....	2	.05	.....	.05
San Luis Obispo, Cal.....	63	.....	1	.21	.....	.06
Yuma, Ariz.....	76	.....	.....	.07	.....	.....

<sup>a</sup>The figures in these columns represent the average daily departure.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to October 21, 1898.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong .....	Apr. 24-Apr. 30...	5	3	
India:				
Bombay .....	Nov. 24-Nov. 30...	.....	4	
	Dec. 1-Mar. 1...	.....	55	
	Mar. 2-Mar. 29...	.....	11	
	Mar. 30-May 24...	.....	16	
	June 1-June 7...	.....	1	
	June 20-June 28...	.....	2	
	July 5-July 12...	.....	3	
	July 19-July 26...	.....	4	
	July 26-Aug. 30...	.....	4	
Calcutta.....	Nov. 14-Dec. 4...	.....	42	
	Dec. 5-Jan. 1...	.....	31	
	Jan. 2-Jan. 29...	.....	28	
	Jan. 30-Feb. 26...	.....	82	
	Feb. 27-Mar. 26...	.....	95	
	Mar. 27-June 11...	.....	271	
	June 25-July 16...	.....	17	
	July 16-July 30...	.....	8	
	July 31-Aug. 20...	.....	10	
	Aug. 27-Sept. 3...	.....	4	
Madras.....	Nov. 30-Dec. 10...	.....	8	
	Dec. 4-Dec. 31...	.....	11	
	Jan. 1-Jan. 28...	.....	45	
	Jan. 29-June 10...	.....	43	
	May 28-June 3...	.....	1	
	July 9-July 22...	.....	43	
	July 22-July 29...	.....	36	
	July 30-Aug. 5...	.....	38	
Singapore.....	Aug. 6-Aug. 12...	.....	71	Cholera reported epidemic.
	Nov. 1-Nov. 30...	.....	1	
	Dec. 1-Dec. 31...	.....	1	
	Mar. 1-Mar. 31...	.....	1	
Japan :				
Awomori Ken.....	Aug. 17-Sept. 11...	1	.....	
Fukuoka Ken.....	June 27-July 27...	1	.....	
Fukushima Ken .....	Aug. 17-Sept. 11...	3	2	
Hiogo.....	May 19-June 5...	1	1	
Ishikawa Ken.....	June 27-July 27...	3	2	
Kanagawa Ken.....	Mar. 24-June 26...	15	7	
	Aug. 17-Sept. 11...	4	3	
Okayama.....	Apr. 29-May 19...	1	.....	
Osaka and Hiogo.....	Mar. 26-June 11...	4	2	
	May 21-May 28...	1	.....	
Tokyo Fu.....	July 16-Sept. 3...	7	4	
	Apr. 11-June 15...	14	4	
Yamagata Ken.....	July 28-Sept. 11...	25	19	
Yokohama.....	June 27-July 27...	1	.....	
Straits Settlements:				
Singapore.....	Apr. 15-Apr. 29...	.....	1	
	June 1-June 30...	.....	1	

## YELLOW FEVER.

Brazil :				
Araraguara.....	Mar. 1-Mar. 31...	4	3	
	Apr. 1-May 31...	125	57	
Bahia.....	Dec. 27.....	3	2	
	Dec. 29.....	6	.....	
Ceara.....	May 2-June 7...	6	3	
Descalvado.....	Nov. 1-Nov. 30...	.....	1	
Jaboticabal .....	May 1-May 31...	2	1	
Para.....	Mar. 1-Mar. 31...	35	16	
	Dec. 12-Jan. 1...	.....	24	
	Jan. 2-Jan. 15...	.....	22	

Taken off of Nor.bk. Adonis.

October 21, 1818

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil—Continued.				
Para.....	Jan. 16-Feb. 28.....	30		
Ribeirao Bonito.....	June 1-June 23.....	5	1	
	Feb. 1-Mar. 31.....	99	22	
	Apr. 1-Apr. 30.....	6	3	
	Mar. 1-Mar. 31.....	9	4	
	Apr. 1-May 31.....	69	33	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1	.....	
	Dec. 5-Jan. 1.....	8	3	
	Jan. 1-Jan. 29.....	22	17	
	Jan. 30-July 29.....	.....	990	
	July 30-Aug. 19.....	40	26	
Sao Carlos de Pinhal.....	Feb. 28-Mar. 31.....	223	58	Yellow fever reported.
	Apr. 1-May 31.....	262	90	Yellow fever reported epidemic.
	May 24.....	.....	.....	
Santos .....	Jan. 2-Jan. 8.....	1	1	
	Jan. 23-Jan. 29.....	3	.....	
	Jan. 30-Feb. 28.....	21	3	
	Mar. 1-Mar. 31.....	32	13	
	Apr. 1-Apr. 30.....	103	52	In isolation hospital.
	May 3-May 24.....	159	97	84 deaths in isolation hospital.
	June 4-June 18.....	72	43	
Sao Paulo.....	Feb. 1-Mar. 31.....	4	3	
Taboticabal.....	Apr. 1-Apr. 30.....	106	42	
Tahir.....	May 1-May 31.....	3	1	
Victoria.....	Apr. 29-May 13.....	3	2	
Colombia:				
Cartagena.....	June 1-June 30.....	1		
Colon.....	July 1-July 30.....	5	4	Sporadic cases of yellow fever occur from time to time.
Costa Rica:				
Limon.....	June 14-Aug. 19.....	3		
	Aug. 16-Aug. 24.....	2		
	Aug. 25-Sept. 10.....	2		
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2.....	2		No reports received since hostilities with Spain began.
Gibara .....	Jan. 3-Jan. 23.....	1		
Habana .....	Sept. 1-Sept. 15.....	4	0	
	Dec. 17-Dec. 30.....	6		
	Dec. 31-Jan. 27.....	9		
	Jan. 28-Feb. 17.....	3		
	Mar. 4-Mar. 31.....	4		
	Sept. 16-Oct. 6.....	29		
Manzanillo.....	Dec. 1-Dec. 31.....	28		No reports received since hostilities with Spain began.
	Jan. 1-Jan. 31.....	9		
	Feb. 14-Feb. 28.....	3		
Matanzas.....	Dec. 15-Jan. 19.....	4		
	Feb. 9-Feb. 23.....	2		
Regla.....	Dec. 31-Feb. 28.....	7		
	Mar. 1-Mar. 24.....	2		
Sagua la Grande.....	Dec. 18-Jan. 20.....	.....	.....	
Santiago de Cuba.....	Dec. 19-Jan. 29.....	6		A few cases of yellow fever, but impossible to obtain statistics.
	July 20-Aug. 2.....	.....	.....	No reports received since hostilities with Spain began.
Siboney.....	Aug. 18.....	1		Yellow fever reported.
Jamaica:				
Kingston.....	July 10.....	14	.....	
St. Andrew.....	Dec. 19-Jan. 1.....	1	1	
	Jan. 2-Jan. 31.....	2	2	
	Feb. 5-Feb. 19.....	2	1	
	Aug. 10.....	1		
St. Catherine.....	Dec. 19-Jan. 1.....	1		From steamer Darien.
St. Elizabeth.....	Dec. 19-Jan. 1.....	1		
Mexico:				
Monterey.....	Aug. 2.....	.....	.....	Yellow fever reported.
Tampico.....	July 17-July 24.....	15	7	
	July 24-July 31.....	.....	9	
	Aug. 1-Sept. 4.....	.....	122	Reported epidemic August 6.
	Sept. 5-Oct. 2.....	61	.....	
Vera Cruz.....	July 9.....	.....	.....	1 case reported.
	Aug. 14-Sept. 15.....	.....	23	
	Sept. 22-Oct. 6.....	.....	16	
Santo Domingo :				
Santo Domingo.....	May 7-May 14.....	1	1	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
San Salvador.....	June 4.....	34	8	Yellow fever reported.
	July 2.....	5	2	
	July 10-Aug. 7.....	33	6	
West Indies: Curacao.....	June 4.....	10	1	On H. M. S. Atkmaar. Patients taken to quarantine hospital.
Yucatan: Merida.....	July 8.....			Yellow fever reported.

## PLAQUE.

Arabia : Aden.....	July 28.....	1	1	Patient removed from steamship Carthage from Bombay.
Djiddah.....	Mar. 22-Apr. 16.....		34	
Nusliah.....	Mar. 1-Mar. 25.....	1		
China : Amoy.....	June 11.....			Plague reported. June 14, 20 deaths a day. Under date of June 14, the United States consul reports that in Amoy and three adjacent cities the deaths amount to "not less than 100 daily."
Canton .....	Mar. 22-Apr. 5.....	10		
Hongkong.....	Nov. 7-Nov. 20.....	2	2	
	Dec. 18-Jan. 1.....	2	2	
	Jan. 2-Jan. 29.....	6	5	
	Jan. 30-Feb. 26.....	64	56	
	Feb. 27-Apr. 30.....	596	529	
	Apr. 30-May 28.....	518	443	
	June 1-June 14.....	131	91	
	June 4-June 25.....		134	
	June 26-July 16.....		17	
	Aug. 7-Aug. 13.....	1		
Swatow..	Mar. 25.....			Do.
Macao.....	Apr. 9.....			Do.
Shanghai.....	Apr. 23.....			On ss. Glenturret, in quarantine.
Egypt : Suez.....	May 5.....			1 case plague on ss. Mahale.
India : Bombay .....	Nov. 24-Nov. 30.....	70		
	Dec. 1-Feb. 8.....	4,833		
	Feb. 9-Mar. 1.....	3,436		
	Mar. 2-Mar. 29.....	4,579		
	Mar. 30-May 17.....	2,731		
	June 1-June 28.....	94		
	July 5-July 26.....	122		
	July 27-Aug. 30.....	467		
Calcutta.....	Apr. 25-May 4.....	25	12	Plague reported. "Sporadic." May 28.
	June 25-July 30.....		48	
	July 31-Sept. 3.....		27	
Japan : Hiogo.....	May 19-June 5.....	1	1	In quarantine on steamship Peru.
Osaka and Hiogo .....	May 21-May 28.....	1	1	
Taiwan, Formosa.....	Dec. 28-Apr. 28.....	505	84	
Formosa Ports (Taipeh-Tainan, and Taiwan.)	Apr. 29-June 15.....	2,338	1,483	
Yokohama.....	Mar. 1-Apr. 11.....	2	1	
Nagasaki.....	June 6-June 15.....	1	1	In quarantine on steamship Hikozan Maru.
Karachi.....	Apr. 6-Apr. 12.....	51	31	
Russia : St. Petersburg.....	Mar. 26-Apr. 2.....		1	
	Aug. 13.....		1	

October 21, 1898

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX.

Places.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Cape Colony .....	Sept. 3..	.....	.....	Smallpox reported.
Natal.....	Sept. 3..	.....	.....	Do.
Pretria.....	Sept. 3..	.....	.....	Do.
Australia:				
Sydney.....	June 1-June 30..	1 .....	.....	
Belgium:				
Antwerp.....	May 1-May 7..	2 .....	.....	
	June 4-June 11..	3 .....	2 .....	
	July 31-Aug. 6..	1 .....	2 .....	
	Aug. 13-Aug. 20..	2 .....	1 .....	
Brussels.....	June 4-June 11..	.....	1 .....	
Ghent.....	May 7-May 14..	.....	1 .....	
	July 9-July 30..	.....	4 .....	
	Sept. 10-Sept. 17..	.....	1 .....	
Liege .....	July 23-July 30..	.....	1 .....	
	Aug. 13..	.....	1 .....	
Bohemia:				
Prague.....	Dec. 12-Jan. 1..	11 .....	.....	
	Jan. 2-May 14..	151 .....	.....	
	June 11-June 18..	5 .....	.....	
Brazil:				
Bahia.....	June 11-June 25..	17 .....	.....	
	Aug. 28-Sept. 24..	116 .....	17 .....	
Ceara.....	Mar. 1-Mar. 31..	.....	10 .....	
Montevideo .....	May 14-May 21..	1 .....	.....	
Pernambuco .....	Dec. 1-Dec. 25..	.....	8 .....	
Rio de Janeiro.....	Apr. 15-Apr. 23..	.....	.....	
	Nov. 21-Dec. 4..	10 .....	.....	
	Dec. 5-Jan. 1..	9 .....	1 .....	
	Jan. 1-Apr. 8..	2 .....	1 .....	
	July 1-July 29..	11 .....	.....	
Sao Paulo.....	Feb. 1-July 29..	40 .....	13 .....	
Sorocaba.....	Dec. 16-Jan. 30..	32 .....	10 .....	
British Columbia:				
Vancouver.....	June 14..	9 .....	.....	
Victoria.....	May 9..	1 .....	.....	
Canada:				
Halifax.....	May 14-May 28..	6 .....	.....	
Maisonneuve.....	Jan. 26-Feb. 16..	3 .....	.....	
Montreal.....	Jan. 3-Jan. 12..	3 .....	0 .....	
	Feb. 11-Feb. 16..	1 .....	.....	
China:				
Hongkong .....	Nov. 7-Dec. 4..	6 .....	4 .....	
	Dec. 5-Jan. 1..	11 .....	8 .....	
	Jan. 2-Apr. 30..	194 .....	113 .....	
	May 1-May 14..	.....	4 .....	
	May 28-June 18..	3 .....	2 .....	
Cuba :				
Cardenas.....	Dec. 19-Jan. 22..	.....	5 .....	
	Mar. 6-Mar. 27..	.....	8 .....	
Cienfuegos .....	Dec. 20-Jan. 2..	.....	7 .....	
	Jan. 3-Jan. 23..	.....	19 .....	
	Feb. 7-Feb. 27..	.....	35 .....	
	Feb. 28-Apr. 3..	.....	9 .....	
	Dec. 17-Apr. 7..	.....	154 .....	
Habana .....	Sept. 1-Sept. 15..	65 .....	10 .....	
Gibara.....	Jan. 20-Feb. 23..	.....	8 .....	
Matanzas.....	Feb. 18-Apr. 7..	.....	3 .....	
Regia .....	Dec. 19-Jan. 29..	233 .....	29 .....	
Sagua la Grande.....	Jan. 30-Feb. 26..	470 .....	35 .....	
	Feb. 27-Apr. 4..	437 .....	26 .....	
England:				
Bristol.....	Feb. 6-Feb. 19..	1 .....	.....	
	July 16-July 23..	1 .....	.....	
Leeds .....	Mar. 19-Apr. 9..	6 .....	4 .....	
Liverpool.....	Jan. 15-Jan. 29..	3 .....	.....	
London.....	Feb. 1-Apr. 2..	6 .....	.....	
	Feb. 27-Mar. 26..	4 .....	.....	
	June 4-June 25..	1 .....	1 .....	
	Aug. 21-Sept. 17..	9 .....	.....	
Middlesborough.....	Feb. 9.....	90 .....	.....	
Newcastle on Tyne.....	Mar. 19-June 18..	13 .....	2 .....	
	June 25-July 2..	.....	1 .....	
Southampton.....	Jan. 8-Feb. 12..	2 .....	.....	
	June 18-June 25..	2 .....	3 .....	Removed from vessels.
	Sept. 10-Sept. 17..	5 .....	.....	Do.

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
England—Continued.				
South Shields.....	May 7-May 14...	1	.....	
Sunderland.....	Dec. 18-Jan. 8...	1	.....	
	Feb. 27-Mar. 26...	4	.....	
	June 11-June 18...	1	.....	
West Hartlepool .....	Jan. 9-Jan. 22...	5	.....	
France:				
Marseilles .....	May 1-May 31...	1	1	
Nantes.....	July 1-July 31...	.....	1	
Paris.....	July 2-July 9...	.....	1	
	July 31-Aug. 6...	.....	1	
Germany:				
Bremen.....	Apr. 23-May 14...	2	.....	
Hamburg.....	Mar. 6-Mar. 12...	2	.....	
Gibraltar.....	July 16-July 23...	1	.....	
	Dec. 6-Dec. 12...	1	.....	
	Dec. 27-Apr. 3...	6	.....	
	Sept. 12-Sept. 25...	2	.....	
Honduras:				
Tegucigalpa.....	July 9-July 23...	2	.....	
India:				
Bombay.....	Feb. 9-May 24...	32	.....	
	June 20-June 28...	3	.....	
	July 5-July 12...	1	.....	
	Aug. 2-Aug. 30...	3	.....	
	Dec. 19-Dec. 25...	1	.....	
Calcutta.....	Jan. 30-May 28...	56	.....	
	June 4-June 11...	2	.....	
	June 25-July 16...	5	.....	
	Aug. 21-Aug. 27...	1	.....	
Madras.....	Nov. 27-Dec. 3...	1	.....	
	Dec. 4-Dec. 31...	3	.....	
	Jan. 1-Jan. 28...	6	.....	
	Jan. 29-Feb. 4...	6	.....	
	Feb. 5-Apr. 22...	66	.....	
	Apr. 30-May 20...	12	.....	
	May 20-May 27...	2	.....	
	July 22-July 29...	1	.....	
	Aug. 6-Sept. 2...	4	.....	
Singapore .....	Mar. 1-Mar. 31...	1	.....	
Italy:				
Messina.....	Dec. 12-Jan. 8...	5	.....	
	Jan. 30-May 21...	5	.....	
Japan:				
Aichi Ken.....	Dec. 28-June 5...	9	1	
	June 27-July 27...	4	.....	
Akita Ken.....	Dec. 28-June 5...	18	4	
	June 27-July 27...	4	2	
Awomori Ken.....	Aug. 17-Sept. 11...	53	16	
Chiba Ken .....	Dec. 28-Aug. 16...	244	39	
	Dec. 28-Apr. 10...	9	.....	
Formosa.....	June 27-July 27...	1	.....	
Fukui Ken.....	Feb. 4-Mar. 3...	7	4	
Fukuoka Ken.....	Dec. 28-Feb. 3...	1	.....	
Fukushima Ken.....	Mar. 24-June 5...	6	.....	
Gifu Ken.....	Dec. 28-Aug. 16...	151	39	
Gumma Ken.....	Feb. 4-Feb. 22...	1	.....	
Hiogo.....	Apr. 29-June 5...	3	.....	
Hiroshima Ken.....	June 27-July 27...	6	1	
Ishikawa Ken.....	Jan. 22-Feb. 3...	1	.....	
Iwate Ken.....	Apr. 29-May 19...	2	.....	
Kagoshima Ken.....	Dec. 28-June 5...	47	10	
Kanagawa Ken.....	June 27-July 27...	4	2	
Kioto Fu.....	Feb. 4-Feb. 22...	1	.....	
Kochi Ken .....	Dec. 28-Jan. 21...	3	.....	
Miyagi Ken.....	June 27-July 27...	1	.....	
Miyazaki Ken .....	Apr. 29-May 19...	1	.....	
	Dec. 28-Jan. 21...	1	.....	
	Jan. 22-Feb. 3...	3	1	
	Apr. 29-June 5...	96	7	
	June 16-June 26...	1	.....	
Nagano Ken.....	Feb. 4-Mar. 23...	9	5	
	Apr. 29-May 19...	1	.....	

October 21, 1898

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—Continued.				
Nagasaki Ken .....	Jan. 22-Mar. 23...	4	1	
	Apr. 29-May 19...	1	.....	
Nara .....	Apr. 29-May 19...	1	.....	
Niigata Ken .....	Mar. 4-Mar. 23...	4	1	
	June 16-June 26...	1	.....	
Oita Ken .....	July 28-Aug. 16...	1	.....	
Okayama Ken .....	Feb. 4-Apr. 10...	3	1	
Osaka Fu .....	June 16-June 26...	1	.....	
	Dec. 28-June 5...	4	.....	
Oyama Ken .....	June 27-July 27...	1	.....	
Saitama Ken .....	Mar. 4-Mar. 23...	1	.....	
Shidzuoka Ken .....	Dec. 17-Dec. 27...	1	.....	
	Apr. 29-May 19...	2	1	
Shiga Ken .....	May 19-June 26...	3	.....	
Tochigo Ken .....	Mar. 24-Apr. 10...	1	.....	
Tokyo Fu .....	Dec. 28-Mar. 23...	6	.....	
	June 16-July 27...	9	.....	
Tokushima Ken .....	Apr. 29-June 5...	3	.....	
Toitori .....	June 6-June 15...	1	.....	
Yamagata Ken .....	Jan. 22-Aug. 16...	48	9	
	June 27-July 27...	4	1	
	Aug. 17-Sept. 11...	8	.....	
Yamaguchi Ken .....	Feb. 4-Apr. 28...	10	1	
Yamanashi Ken .....	Mar. 24-Apr. 28...	5	1	
	June 27-July 27...	4	1	
Yehime Ken .....	Dec. 17-Apr. 10...	59	18	
	Apr. 29-June 26...	12	.....	
The Hokkaido .....	Dec. 17-June 15...	510	142	
	July 28-Aug. 16...	3	2	
Mexico:				
Nogales .....	May 13...	4	.....	
Norway:				
Christiania .....	Mar. 20-May 21...	19	2	
	July 2-July 23...	9	1	
	July 31-Aug. 13...	4	.....	
	Aug. 13-Aug. 20...	1	1	
	Aug. 20-Aug. 27...	1	.....	
Nova Scotia :				
Halifax .....	June 4-June 11...	3	.....	
Netherlands:				
Amsterdam .....	Dec. 12-Dec. 24...	1	.....	
Rotterdam .....	Dec. 12-Dec. 31...	3	1	
	Jan. 1-Jan. 29...	1	.....	
Russia:				
Moscow .....	Nov. 28-Dec. 4...	1	1	
	Dec. 5-Dec. 11...	1	1	
	Jan. 1-May 14...	63	17	
	May 21-May 28...	4	2	
	June 4-July 9...	30	11	
	July 23-July 30...	2	2	
	Aug. 27-Sept. 10...	5	1	
	Dec. 5-Jan. 1...	53	9	
	Jan. 2-Jan. 29...	34	7	
	Jan. 30-July 3...	21	.....	
	July 23-Aug. 6...	7	2	
	Aug. 13-Sept. 24...	14	1	
Odessa .....	Dec. 4-Dec. 25...	35	13	
	Jan. 9-Jan. 29...	56	19	
	Jan. 30-July 30...	80	.....	
	Aug. 6-Aug. 27...	3	.....	
	Aug. 28-Sept. 3...	6	2	
St. Petersburg .....	Dec. 19-May 28...	136	.....	
	June 4-June 18...	15	.....	
	June 25-July 23...	22	.....	
	Aug. 1-Aug. 8...	6	.....	
	Aug. 13-Aug. 20...	3	.....	
	Sept. 3-Sept. 24...	20	.....	
Warsaw .....	Apr. 16-Apr. 30...	2	.....	
	Dec. 5-Dec. 25...	3	1	
	Apr. 3-Apr. 30...	2	1	
Scotland :				
Edinburgh .....	Jan. 1-Feb. 5...	2	.....	
Glasgow .....	Dec. 22-Dec. 28...	1	.....	
Leith .....	Feb. 8-Apr. 6...	3	.....	
Spain :				
Corunna .....	Jan. 1-Feb. 5...	2	.....	
Madrid .....	Dec. 22-Dec. 28...	1	.....	
	Feb. 8-Apr. 6...	3	.....	
Straits Settlements:				
Singapore .....	June 1-June 30...	3	.....	

*Cholera, yellow fever, plague, smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Turkey : Constantinople.....	Jan. 10-Feb. 6.....	53		
	Feb. 28-May 8.....	94		
Uruguay : Montevideo.....	Dec. 25-Mar. 19....	5		
	May 1-May 7....		1	
	June 19-June 26....	1		
	July 9-July 16....	2		
	July 30-Aug. 6....	1		
Venezuela : Caracas.....	June 7-July 25.....			More than 150 cases in the city.
Puerto Cabello.....	Apr. 2-Apr. 11....	23	6	Smallpox increasing, June 7, 1898
Valencia.....	Apr. 2-Apr. 11....	54		July 23, about 1,000 cases.
Wales : Cardiff.....	To Aug. 21.....	2,000	600	
	Dec. 18-Dec. 24....	1		

*Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, September 28, 1898.]

NETHERLANDS.—The royal order of July 27, 1895, in regard to protection from contagious diseases, was repeated August 24, 1898. The measures of protection therein formulated are made to extend to plague, and are in conformity with the measures prescribed by the Venice Conference of March 19, 1897.

BRITISH EAST INDIES.—According to advices of September 1, the Government of Bombay has issued three orders relative to measures—(I) against outgoing vessels; (II) against incoming vessels, and (III) measures applicable to Bombay.

The measures for incoming vessels went into force September 1; those relative to outgoing vessels were to be put in force from some date thereafter to be named. The measures relative to Bombay are already in operation.

## I. OUTGOING VESSELS.

No vessel shall leave the port without official certificate that the master, crew, and passengers have been examined on land, by daylight, and have been found free from plague. In the case of a vessel which starts on its voyage without having held communication with the city, the medical inspection shall be confined to those persons who have shipped from Bombay. Foreign consuls are invited to be present at such examination.

Plague suspects and their effects are prohibited shipment. On order from the competent authorities they will be held under supervision and their effects disinfected. This action shall be noted in the ship's papers.

After the issuance of sanitary certificates no further admissions of passengers or merchandise shall be permitted.

The medical inspection shall take place between the hours of sunrise and sunset.

If the vessel sets sail after 6 o'clock in the morning, a second examination must be made. This shall take place on the vessel itself only in case no communication has been held between the vessel and the shore.

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## II. INCOMING VESSELS.

The captain of any vessel which arrives from an infected port, or which has held any communication other than verbal or by signal with a vessel from a plague-infected country, or which has plague on board or on which there were cases of plague twelve days before arrival, shall make the required quarantine signals by day or night.

All communication other than verbal with the shore or other vessels is prohibited except in the case of the pilot or port officials.

Every vessel destined to Bombay shall be inspected and if found to be clean shall be permitted to unlade.

The same holds good for vessels touching at Bombay. Should such vessels be declared unclean, no communication with the shore or with other vessels shall be permitted without authority from the health authorities.

Inspection of vessels shall in all cases take place between sunrise and sunset.

Plague vessels, or vessels which have had plague cases on board during the twelve days before their arrival, shall be subject to the following rules:

(1) The sick shall be landed and at their own cost placed under regular medical care.

(2) Persons not sick shall be removed from the vessel for the purpose of medical supervision. Persons indispensable to the service of the vessel shall be allowed to remain on board under supervision.

(3) Suspicious articles shall be disinfected.

(4) The vessel shall take on fresh water and pump out the bilge water.

(5) The vessel shall be thoroughly disinfected.

(6) After fulfillment of these requirements, the vessel shall haul down quarantine signals.

Vessels which are suspect, that is to say, vessels on which plague cases occurred at the time of departure or during the voyage, but on which there has been no plague cases within twelve days of arrival, are subject to the following measures:

Passengers and crew shall be examined and thereafter be subject to rules 3 and 6 of measures for infected vessels. Crowded vessels shall be treated as suspicious.

A vessel which refuses to comply with these requirements may leave the port; but if it has begun to unlade it shall be held subject to the measures stated above.

## III. REGULATIONS APPLICABLE TO BOMBAY PROPER.

(1) As regards the treatment of plague in Bombay, the carrying out of the order prepared under direction of the Government, which in this case is represented by the plague commission, is in the hands of the municipal commissioner of the city. The municipal commissioner has the authority to appoint officers, to inspect suspected localities, and apply such measures as he judges necessary; to overlook the water supply; to order inspection and disinfection of houses in which plague cases occur; to order the demolition of buildings when circumstances require it, and to destroy all articles capable of conveying infection. The police authorities are directed to cooperate with the sanitary authorities in carrying out such measures as are required.

## SWITZERLAND.

*Mortality in cities and towns during the month of August, 1898.*

[Translated in this Bureau from the Wochenbulletin der Schweiz, September 17, 1898.]

Cities.	Popula-tion.	Causes of death.								Total deaths from all causes.
		Phthisis pul-monialis.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.	
Zurich.....	158,504	22	0	0	2	0	1	0	1	185
Geneva.....	87,926	29	0	0	3	0	0	0	2	134
Basle.....	94,646	16	0	0	2	0	0	0	4	134
Bern.....	54,578	7	0	0	0	0	1	0	0	70
Lausanne .....	42,082	10	0	0	0	0	0	0	2	54
St. Gall.....	34,798	4	0	0	0	0	0	0	1	27
Chaux De Fonds.....	31,605	3	0	0	0	0	0	0	0	37
Lucerne.....	23,380	2	0	0	2	0	0	0	0	33
Neuchatel .....	19,654	2	0	0	1	0	1	0	1	28
Winterthur .....	20,558	4	0	0	0	0	2	0	0	18
Biel .....	19,697	2	0	0	1	0	0	0	0	26
Herisau.....	15,208	2	0	0	0	0	3	0	0	16
Schaffhausen.....	12,986	2	0	0	0	0	0	0	0	15
Fribourg.....	13,134	1	0	0	0	0	1	0	0	25
Locle .....	12,403	2	0	0	0	0	0	0	0	19
Total.....	641,159	108	0	0	11	0	9	0	11	821

## AFRICA.

*Smallpox at Pretoria and Natal.*

CAPE TOWN, September 3, 1898.

SIR : I have the honor to call your attention to the following :

At Pretoria, South African Republic, smallpox has broken out among the coolies and several cases are reported. But few, if any, whites thus far affected. The Government enforces vaccination, and citizens are allowed fourteen days and farmers one month in which to vaccinate. The state of affairs is pronounced serious, and public meetings are being held to bring pressure to bear upon the "smallpox committee." One speaker stated that "the disease was spreading so rapidly that the whole town would be in quarantine unless prompt measures were taken." In Natal the disease has appeared among the natives, and the Government is using heroic measures. The compulsory vaccination of whites has not yet been ordered, but vaccination is urged. All natives are being vaccinated, and none can leave the colony without a pass. It is stated that no fewer than 4,600 natives went out of the colony before the order was issued. All natives reentering the colony undergo a most thorough examination. Complaints are made of bad lymph, but this the Government denies. From the Orange Free State a correspondent writes that smallpox has broken out and appears to be of a most deadly nature, and up to the present 3 whites and 1 native have died ; that there is not a supply of virus. Only 1 case in Cape Colony is reported. The several Governments are active and taking steps necessary to stamp out the disease.

I have the honor to be, sir, your obedient servant,

J. G. STOWE,  
*United States Consul-General.*

Hon. THIRD ASSISTANT SECRETARY OF STATE.

October 21, 1898

## MEXICO.

*Yellow fever in Jimenez.*

CONSULATE OF THE UNITED STATES,  
*Matamoras, Mexico, September 28, 1898.*

SIR: I have the honor to report for the information of the Department of State that yellow fever now exists at Jimenez, which is about 100 miles south of here, in this consular district.

Many pernicious types of fever, such as intermittent, remittent, and malarial, are almost constantly prevalent here, and at present the meteorological conditions are especially favorable to sickness. The sanitary conditions of Matamoras, however, are above the average, and the authorities here are enforcing a strict quarantine against Tampico, Victoria, Jimenez, and all places south, in order to prevent the disease spreading into the United States through this city.

I am, sir, your obedient servant,

P. MERRELL GRIFFITH,  
*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

## STATISTICAL REPORTS.

**BAHAMAS—*Dunmore Town.***—Two weeks ended September 23, 1898. Estimated population, 1,472. Total number of deaths, 1. No contagious diseases.

**Governors Harbor.**—Two weeks ended September 24, 1898. Estimated population, 1,500. No deaths and no contagious diseases.

**Green Turtle Cay—Abaco.**—Two weeks ended September 22, 1898. Estimated population, 3,900. No deaths and no contagious diseases.

**Nassau.**—Two weeks ended October 4, 1898. Estimated population, 11,000. Total number of deaths not reported. No contagious diseases.

**BERMUDA.**—Two weeks ended October 7, 1898. Estimated population, 15,013. Total number of deaths, 2. No contagious diseases.

**CHILE—*Antofogasta.***—Month of August, 1898. Estimated population, 14,000. Total number of deaths, 40, including 7 from phthisis pulmonalis.

**DENMARK.**—Month of August, 1898. Estimated population, 2,286,500. Total number of deaths, 13,596, including diphtheria, 493; enteric fever, 256; measles, 233; scarlet fever, 373; whooping cough, 1,756, and 367 from phthisis pulmonalis.

**FRANCE—*Rouen.***—Month of August, 1898. Estimated population, 112,657. Total number of deaths, 419, including diphtheria, 1; enteric fever, 5; measles, 1, and 53 from phthisis pulmonalis.

**GERMANY—*Dresden.***—Month of September, 1898. Estimated population, 385,300. Total number of deaths, 701, including diphtheria, 3; enteric fever, 2; measles, 3; scarlet fever, 1; whooping cough, 4, and 35 from phthisis pulmonalis.

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 33 great towns in England and Wales during the week ended September 24

correspond to an annual rate of 23.6 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Gateshead, viz, 38.7, and the lowest in West Ham, viz, 16.2.

*London.*—One thousand eight hundred and sixty-three deaths were registered during the week, including measles, 12; scarlet fever, 9; diphtheria, 29; whooping cough, 31; enteric fever, 9, and diarrhea and dysentery, 347. The deaths from all causes correspond to an annual rate of 21.6 a thousand. In greater London 2,518 deaths were registered, corresponding to an annual rate of 20.5 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 6 from measles, and 8 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended October 1 in the 23 principal town districts of Ireland was 24.4 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 5.8, and the highest in Tralee, viz, 78.3 a thousand. In Dublin and suburbs 165 deaths were registered, including enteric fever, 4; scarlet fever, 1; whooping cough, 5, and typhus, 1.

*Scotland.*—The deaths registered in 8 principal towns during the week ended October 1 correspond to an annual rate of 19.1 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 15.7, and the highest in Paisley, viz, 28.2 a thousand. The aggregate number of deaths registered from all causes was 577, including diphtheria, 4; measles, 6; scarlet fever, 11, and whooping cough, 17.

*NOVA SCOTIA—Windsor.*—Month of September, 1898. Estimated population, 3,000. Total number of deaths, 2, including 1 from phthisis pulmonalis.

*ST. HELENA.*—Four weeks ended September 3, 1898. Estimated population, 4,000. No deaths and no contagious diseases.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Amsterdam.....	Oct. 1....	509,389	165					1		1
	Aug. 31....	14,000	11							7
Bahia.....	Sept. 3....	200,000		3						
Do.....	Sept. 10....	200,000		4						
Do.....	Sept. 17....	200,000		5						
Do.....	Sept. 24....	200,000		5						
Berlin.....	Sept. 17....	1,728,201	751				6	6	12	3
Bremen.....	Sept. 10....	143,500	51							
Do.....	Sept. 17....	143,500	60							
Brussels.....	Sept. 24....	551,011	180				2	3	2	4
Budapest.....	do.....	640,000			5		4	3	4	1
Calcutta.....	Sept. 3....	681,560	a 371	4						1
Do.....	Sept. 4....	25,000		20						
Do.....	Sept. 11....	25,000		15						
Do.....	Sept. 18....	25,000		18						
Catania.....	Sept. 22....	120,000	50			5				2
Do.....	Sept. 29....	120,000	65		1	5				1
Chemnitz.....	Sept. 24....	172,840	93							
Christiania.....	Oct. 1....	207,000	75							
Cognac.....	Sept. 17....	20,400	8							
Do.....	Sept. 24....	20,400	4				1			
Colombo.....	Sept. 3....	130,000	64				1			
Do.....	Sept. 10....	130,000	63				1			
Cologne.....	Sept. 24....	348,836	216			2				9
Copenhagen.....	do.....	351,000	131			1	1	1	1	1
Dresden.....	do.....	385,300	163				1	1	1	5
Frankfort on the Main.....	Oct. 1....	245,000	78					1		1
Funchal.....	Sept. 25....	36,982	16							
Gibraltar.....	do.....	25,900	9							
Girgenti.....	Sept. 24....	24,428	7							
Gothenburg.....	do.....	120,552	26							
Guayaquil.....	Sept. 17....	50,000	44							
Halifax.....	Sept. 24....	50,000	47							
Hamilton, Bermuda.....	Oct. 8....	38,900	22						1	
Do.....	Oct. 4....	15,013	2							
Kingston, Canada.....	Oct. 11....	15,013	2							
Konigsberg.....	Oct. 1....	179,686	10							
Licata.....	Sept. 24....	20,000	12		1	4				1
Leeds.....	Oct. 1....	416,618	159			2		5		2
Liege.....	Sept. 24....	168,100	65			2				
London, England.....	do.....	6,408,321	2,518			22	10	41	18	39
Lyons.....	do.....	466,028	151				12			1
Magdeburg.....	Sept. 10....	223,175	164							5
Mannheim.....	Sept. 24....	109,714	33							
Maracaibo.....	do.....	50,000	16							
Matamoras.....	Sept. 30....	50,000	12							
Melbourne.....	Oct. 7....	16,304	3							
Do.....	Aug. 27....	450,000					1			
Messina.....	Sept. 3....	450,000					1	1		
Montevideo.....	Sept. 24....	107,000	41			3				
Nuremberg.....	Sept. 10....	215,061	68						1	
Odessa.....	Sept. 17....	190,750	108			1	1	1		
Palermo.....	Sept. 24....	283,000	209		1	9	6	4	3	4
Pernambuco.....	do.....	300,000	120		1			1		
Do.....	Aug. 6....	200,000	126							
Do.....	Aug. 13....	200,000	122							
Do.....	Aug. 20....	200,000	129							
Do.....	Aug. 27....	200,000	132							
Plymouth.....	Oct. 1....	99,136								1
Prague.....	Sept. 24....	198,320	98				3	2		2
Rheims.....	Sept. 17....	108,943	45							
Rome.....	Sept. 24....	108,943	57				3			1
Do.....	Aug. 20....	499,861	110				3			
Do.....	Aug. 27....	499,861	155				9			
Rotterdam.....	Sept. 3....	499,861	133				5			
Schiedam.....	Oct. 1....	304,838	135				7			
St. Georges, Bermuda.....	do.....	28,884	10							
Do.....	Oct. 1....	2,150	0							
Stettin.....	Oct. 8....	2,150	0							
	Sept. 24....	150,000	88					1		

a Plague, 3.

## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	
Southampton .....	Sept. 24....	100,886	60	.....	.....	.....	.....	1	5	.....	1
Stockholm .....	do.....	283,550	.....	.....	.....	.....	.....	5	5	.....	2
Stuttgart.....	Sept. 29....	162,934	70	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	Sept. 24....	45,065	18	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Sept. 17....	165,000	93	.....	.....	.....	.....	2	2	3	.....
Do.....	Sept. 24....	165,600	96	.....	.....	.....	.....	2	2	1	.....
Venice.....	do.....	169,545	75	.....	.....	.....	.....	5	1	.....	1
Vera Cruz.....	Oct. 6....	30,000	52	6	.....	.....	.....	3	2	8	5
Vienna.....	Sept. 17....	1,590,295	593	.....	.....	.....	.....	40	4	14	6
Warsaw.....	Sept. 24....	601,408	239	.....	3	.....	.....	.....	.....	.....	.....
Zurich .....	do.....	162,233	70	.....	.....	.....	.....	.....	.....	.....	2

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.